CREATIVE

User's Guide

Zen Touch

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Creative Zen Touch

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Before You Begin

Before You Begin

Introduction

Thank you for purchasing Creative's new multi-format player, Creative Zen Touch! Your player can store thousands of songs in its music library, and comes equipped with an USB 2.0 connector, so you can transfer audio tracks and data quickly and easily.

Minimum System Requirements

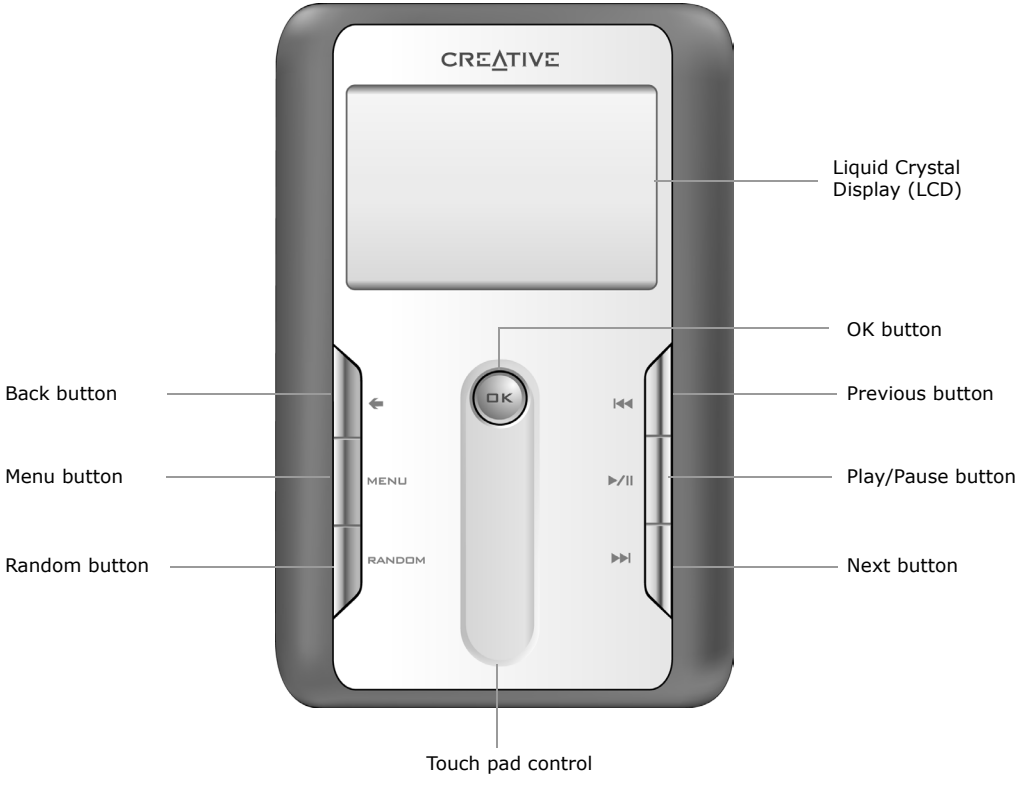
- Microsoft® Windows® XP, Windows 2000, Windows Millennium Edition (Me) or Windows 98 Second Edition (SE)
- Intel® Pentium® II 350 MHz, AMD®-K6-2® 266 MHz or better processor (Pentium III 450 MHz or higher recommended for MP3 encoding)
- CD-ROM drive with digital audio extraction support
- USB 1.1 (USB 2.0 port recommended)
- 64 MB RAM (128 MB recommended)
- 10 MB free hard disk space (more needed for storing audio)
- Internet connection for Internet content downloading and CDDB2™ support (any charges incurred are the responsibility of the user)
- Functioning mouse
- SVGA graphics adapter (256 colors, 800 x 600 resolution or better)

The software applications on the Zen Touch CD may have higher requirements for basic functionality. Refer to each application's documentation for details.

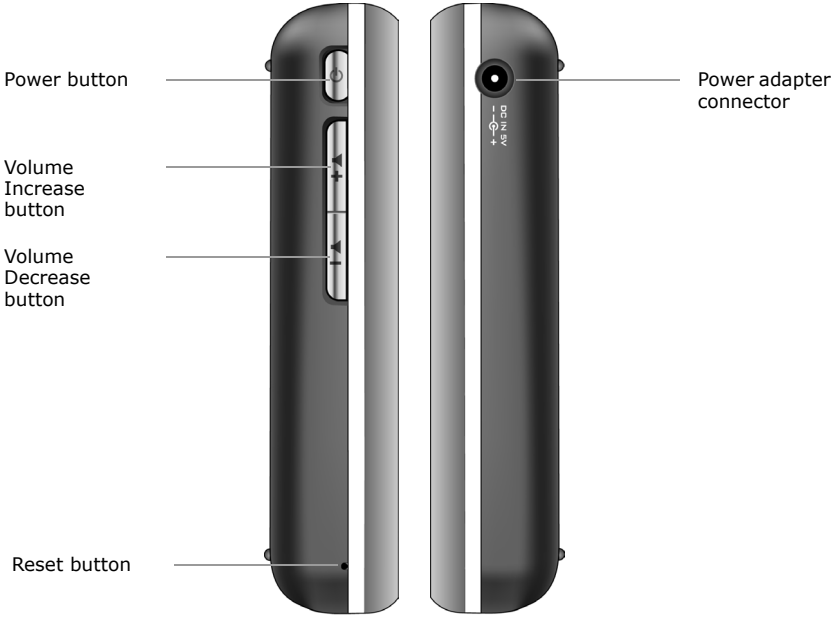
1 A Tour of Your Player

A Tour of Your Player

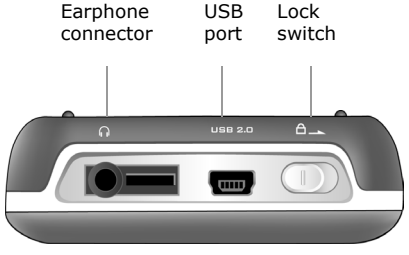
Your Player at a Glance



Front view



Side views



Top view

Using the touch pad control

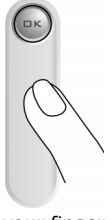
Select

To "Select", use the touch pad control to scroll to the option you want, and select the option by pressing the OK button.

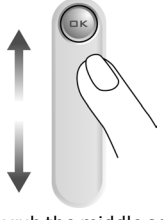
When selecting an option, instead of pressing the OK button, you can also tap the touch pad control. The Tap to Select feature, however, must be enabled. To enable this feature, see "TouchPad" on page 3-24.

The touch pad control is one of the most important features of your player. In this document, we will use the term, “Select”, to mean that you should use the touch pad control to scroll through options, and then select the option by pressing the **OK** button.

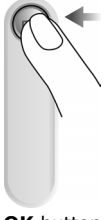
The touch pad control.



Place your finger on the middle section of the touch pad control.

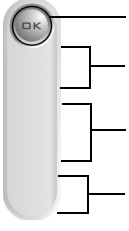


Gently rub the middle section of the touch pad control to scroll through options.



Press the **OK** button to select an option.

Use the upper or lower sections of the touch pad control to scroll rapidly through options. Place your finger on the upper or lower section of the touch pad control and hold it down to scroll rapidly.



OK button for selecting options

Upper section for fast scrolling upwards.

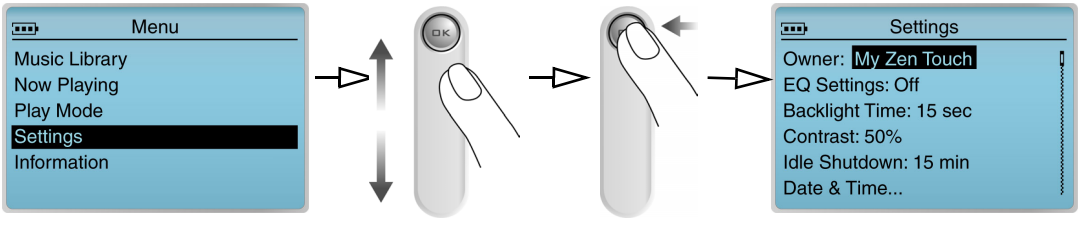
Middle section for normal scrolling upwards or downwards.

Lower section for fast scrolling downwards.

Depending on the screen you are in, you can have different menu options. You can also choose options from a list or a confirmation box.

Selecting menu options

You can use the touch pad control to scroll to selections in menus. For example, if you are looking at the Menu screen:

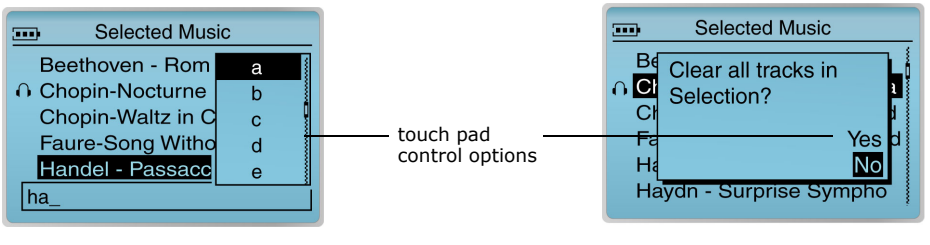


From the Menu screen to the Music Library screen

1. Use the touch pad control to scroll up and down in the menu.
2. Press the **OK** button to select the menu item.

Selecting list and confirmation box options

You can also use the touch pad control to select confirmation boxes or options in a list.

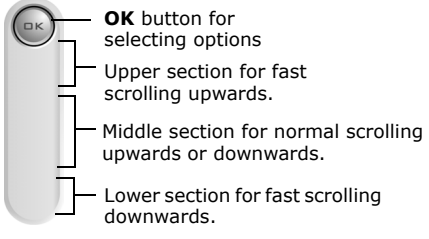
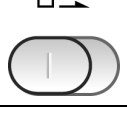


Constructing a title from a list **Selecting a confirmation box**

1. Use the touch pad control to scroll through the options.
2. Press the **OK** button to select the option.

Button	What It Does	Usage Tips
POWER	❍ Turns the player on and off.	❍ To turn on your player, press and hold until the LED turns on. ❍ To turn off your player, press and hold until the **Shutting down** message appears. Release the **Power** button.
MENU	❍ Displays the main menu, which contains most of your player's features.	
PREVIOUS	❍ Goes to the beginning of the current track, or to the previous track. ❍ Moves back within a track when you press and hold the button.	❍ To go back to another track, press the **Menu** button, and then select **Selected Music**. Select the track you want to skip to.
NEXT	❍ Goes to the next track. ❍ Moves ahead within a track when you press and hold the button.	❍ To skip forward to another track, press the **Menu** button, and then select **Selected Music**. Select the track you want to skip to.

Button	What It Does	Usage Tips
PLAY/PAUSE	❍ Starts, pauses or continues playback.	❍ To play a track from **Music Library** screens, press this button.
VOLUME INCREASE	❍ Increases the volume.	❍ Press and hold to increase the volume quickly.
VOLUME DECREASE	❍ Decreases the volume.	❍ Press and hold to decrease the volume quickly.
BACK	❍ Goes to previously accessed screens in the menu.	

Button	What It Does	Usage Tips
RANDOM BUTTON 	❍ Plays random tracks in your player.	
TOUCH PAD CONTROL 	❍ Scrolls up and down menus. ❍ Selects menu options.	❍ Gently rub the middle section of the touch pad control to scroll through menu options and press the **OK** button to select them. This action is also referred to as "Select". ❍ When selecting an option, instead of pressing the **OK** button, you can also tap the touch pad control. The Tap to Select feature must be enabled. To enable this feature, see "TouchPad" on page 3-24.
LOCK SWITCH 	❍ Locks and disables all buttons on your player.	❍ Slide the switch to the right.
RESET HOLE 	❍ Resets your player.	❍ Push the end of a thin object (for example, a straightened paperclip) into the **Reset** hole.

2 Getting Started

Getting Started

Charging the Battery

The high performance lithium-ion battery supplied with your player needs to be fully charged before you use it. The battery is fully charged in approximately four hours. You can charge the battery using either the power adapter or the USB cable.

Using the power adapter

To charge your player's battery, connect one end of the power adapter to the wall outlet and the other end to your player's power adapter connector, as shown in Figure 2-1. Check the battery icon to see when the battery is fully charged.

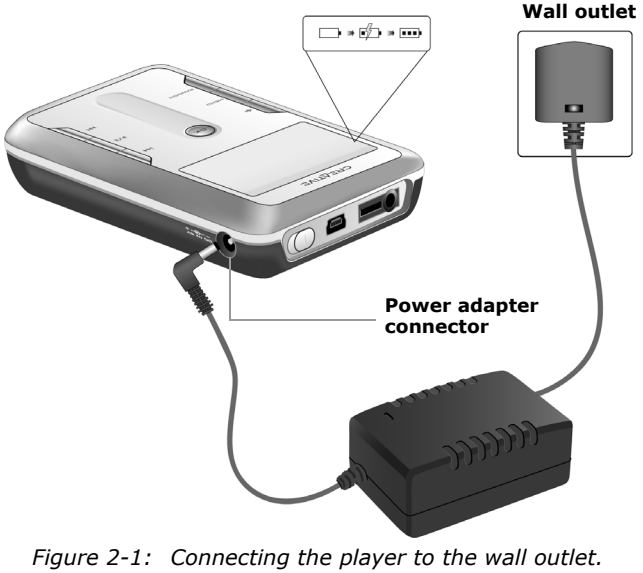


Figure 2-1: Connecting the player to the wall outlet.

Using the USB cable

If your player turns on as you are connecting it to the USB port, turn it off before you charge the battery.

You can also charge your player's battery using the supplied USB cable. Connect the USB cable to your player and computer's USB ports, as shown in Figure 2-2.

Make sure that your player is turned off, and Creative MediaSource or NOMAD Explorer is closed before charging using the USB port. The **Power** button blinks blue when the battery is charging.

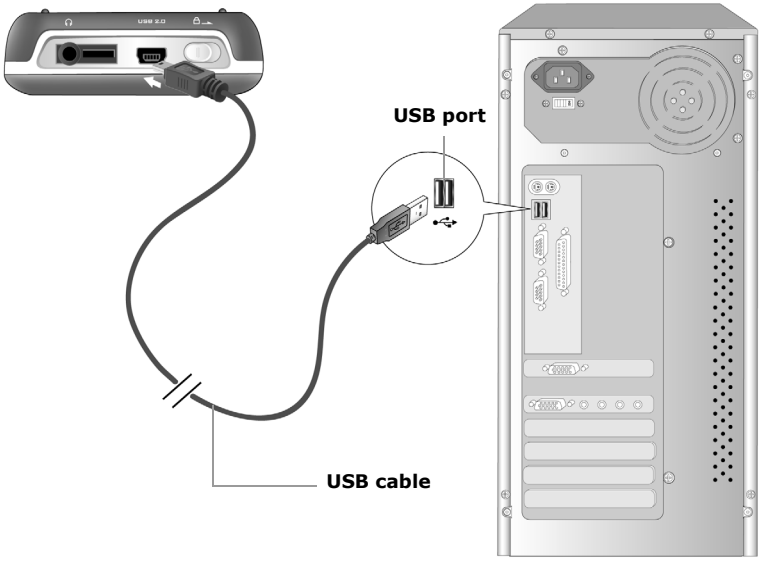


Figure 2-2: Connecting the player using the USB cable.

Power Source and Level Indicators

Your player displays one of the following icons, depending on the battery's charged status or the power source (battery or electrical power).

Icon	What the icon means	Notes
	❍ your player is running from external power	
	❍ your player is running from battery power	❍ this battery state icon shows that the battery is fully charged
	❍ your player's battery is 60% full	
	❍ your player's battery is 30% full	❍ Charging your battery when it is 30% full may help prolong your battery's life
	❍ your player's battery is 10% full	❍ recharge the battery at the earliest opportunity
	❍ your player is running from electrical power and is charging the battery	❍ charge the battery fully before disconnecting the player from the power outlet ❍ while charging, the icon will alternate between this icon and a battery state icon, showing the approximate level of charge
	❍ your player is running from external power and has finished charging the battery	❍ to use battery power, disconnect the player from the power outlet

Setting Up Your Player

You can listen to your player's preloaded music immediately by pressing the Play/ Pause button.

1. Make sure that your player is **NOT** connected to your computer.
2. Insert the Zen Touch CD into your CD-ROM drive.
   The Zen Touch CD supports Windows AutoPlay mode and starts running automatically. If not, you need to enable your CD-ROM drive's auto-insert notification feature. For more details see "AutoPlay" on page C-1.
3. Follow the instructions on the screen.
4. When prompted, connect your player to your computer as shown in Figure 2-2.

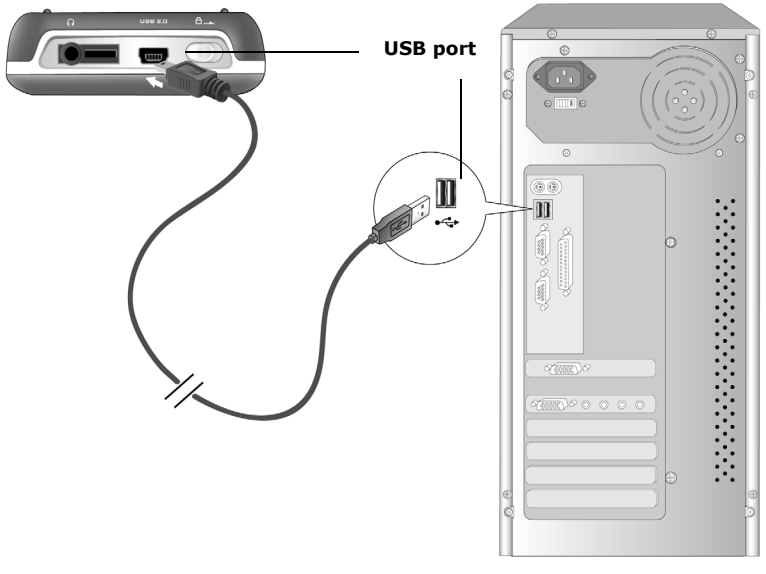


Figure 2-3: Connecting your player to your computer.

Transferring Music and Data

Basic instructions on how to use Creative MediaSource and NOMAD Explorer are provided in the Creative MediaSource and NOMAD Explorer Help.

Audio selections have been preloaded to your player to get you started quickly. If you wish to listen to music immediately, simply press the **Play/Pause** button .

If you wish to download additional music tracks to your player, you can either download music tracks from Internet music sites (see "Downloading from the Internet" on page 2-6) or rip them from your audio CDs to create digital files on your computer. For more information, see "Ripping from a CD" on page 2-7.

Music files can be encoded into the supported formats (MP3, WMA or WAV file formats), and then transferred to your player with Creative MediaSource Organizer.

Data files can also be transferred to and stored in your player, for example, you can transfer a large data file from one computer to another. Data can be transferred to your player with the Creative NOMAD Explorer application.

Downloading from the Internet

To get MP3 files from the Internet, use a search engine to locate sites with MP3 content. You can also try out these sites (web sites listed here are correct at the time of this document's release):

- Walmart.com
  http://www.music downloads.walmart.com
- Buy.com
  http://www.buy.com
- Epitonic.com
  http://www.epitonic.com
- Bestbuy.com
  http://www.bestbuy.com
- Soundbuzz.com
  http://www.soundbuzz.com

Follow the instructions on the site to download the music files to your computer.

It may be illegal to encode MP3 files for trade or sale unless you have the express or explicit permission of the copyright holder(s).

When connecting to your Internet Service Provider, usage charges are incurred.

Ripping from a CD

The first phase in making an MP3 file is extracting audio data from an audio CD. To extract audio data, you will need a CD-ROM drive that can extract digital audio data, and a program known as a ripper. With Creative MediaSource Organizer, you can rip tracks from most audio CDs. This program uses the CD-ROM drive to read the audio tracks from the audio CD and stores it on your hard disk.

The time needed for a successful audio extraction depends on:

- CD-ROM drive speed
- defects, like scratches on the audio CD
- error-checking features on the CD-ROM drive

Encoding is the second phase of making an MP3 file. Encoders are used to convert the stored audio tracks, usually WAV files, into MP3 files. MP3 encoding is a lossy compression methodology where some data is considered inaudible and is removed before encoding. Using the standard sampling rate and bitrates will ensure that your MP3 files retain much of their audio quality. The standard bitrate of most MP3 files is 128 Kbps, although some are set higher, at 160 or 192 Kbps. Higher bitrates will result in larger MP3 file sizes, with better audio quality. Use Creative MediaSource Organizer to extract audio tracks and encode MP3s.

See the Creative MediaSource Organizer online Help for more information.

3 Playing and Managing Your Music

Playing and Managing Your Music

Playing Music

Audio selections have been preloaded to your player to get you started quickly.

Your player’s Selected Music list allows you to play back audio tracks. All audio tracks are saved in your player’s Music Library. To play back track(s), you must first add the track(s) to the Selected Music list, as described in "Adding Music Tracks to the Selected Music list" on page 3-10.

To save the Selected Music list as a playlist, see "Saving the Selected Music list as a playlist" on page 3-19.

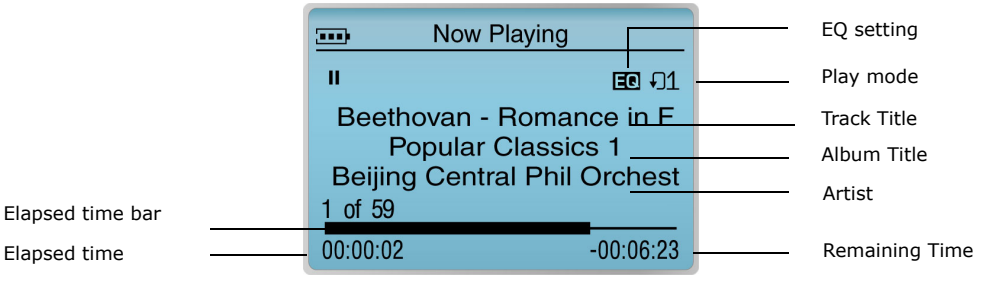
To add audio tracks to your player’s Music Library, refer to the Creative MediaSource Help.

Playing the Selected Music list

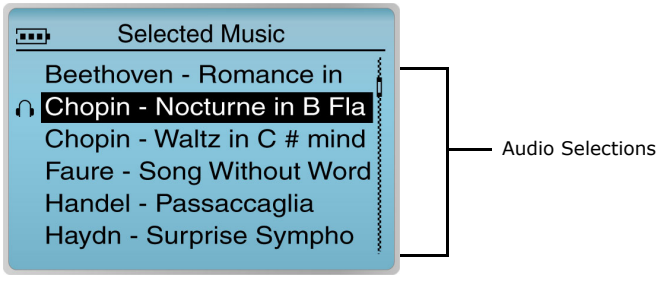
Follow these steps to play the Selected Music list.

1. Press the **Play/Pause** button ▶/II .

   The **Play** icon ▶ appears on the **Now Playing** screen, and tracks from the Selected Music list begin playing.
   The **Now Playing** screen shows the track that is being played back or the track that has been selected.



2. To display the **Selected Music** list, which shows the list of tracks being played, press the **OK** button.


Selected Music
Beethoven - Romance in
Chopin - Nocturne in B Fla
Chopin - Waltz in C # mind
Faure - Song Without Word
Handel - Passaccaglia
Haydn - Surprise Sympho
Audio Selections

Playing all tracks in your player

Follow these steps to play all audio tracks in your player.

1. Press the **Menu** button

.
2. Select **Music Library**.
3. Select **All Tracks**.
4. Select any track. A list appears.
5. Select **Play.** All the tracks in your player are automatically added to the Selected Music list and are played.

Play Modes

Your player has Play Modes that allow you to change how your Selected Music list is played.

The following Play Modes are available:

- Normal
- Repeat track
- Repeat all
- Shuffle
- Shuffle repeat
- Track once

Play Modes are disabled by enabling the “Normal” mode as described in "Normal" on page 3-4.

Normal

Once the Normal mode is enabled, every track in the Selected Music list is played, from the first to the last.

1. Press the **Menu** button

.
2. Select **Play Mode**. A list appears.
3. Select **Normal**. The Selected Music list plays back normally.

Repeat track

You can choose to repeat a track.

1. Press the **Menu** button

.
2. Select **Play Mode**. A list appears.
3. Select **Repeat Track**.

   The **Repeat Track** icon 1 appears on the screen and the track is repeated continuously until you stop it.

Repeat all

You can choose to repeat the whole Selected Music list.

If there is only one track in the Selected Music list when "Repeat All" is enabled, that track will be repeated continuously.

1. Press the **Menu** button

.
2. Select **Play Mode**. A list appears.
3. Select **Repeat All**.

   The **Repeat All** icon appears on the screen and the Selected Music list is repeated continuously until you stop it.

Shuffle

The Shuffle play mode can be used once (“Shuffle”).

1. Press the **Menu** button

.
2. Select **Play Mode**. A list appears.
3. Select **Shuffle**.

   The **Shuffle** icon appears onscreen and a track is selected at random and played back. The Selected Music list stops playing once all the tracks in the Selected Music list are played back once.

Shuffle repeat

The Shuffle play mode can be used continuously (“Shuffle Repeat”).

If there is only one track in the Selected Music list when "Shuffle Repeat" is enabled, that track will be repeated continuously.

1. Press the **Menu** button

.
2. Select **Play Mode**. A list appears.
3. Select **Shuffle Repeat**.

   The **Shuffle Repeat** icon appears onscreen and tracks are selected at random and played back continuously until you stop playback.

You can also play all tracks randomly by pressing the Random button on your player.

Track once

When the Selected Music list is played normally, every track in the Selected Music list is played, from the first to the last. When the Track Once play mode is enabled, however, playback stops once the current track ends.

1. Press the **Menu** button

.
2. Select **Play Mode**. A list appears.
3. Select **Track Once**. The **Track Once** icon ×1 appears onscreen. The Selected Music list stops playing once the track ends.

Managing your Music

To transfer audio tracks to your player's Music Library, refer to the Creative MediaSource Help.

Modifying or renaming albums, artists, or genres must be done in Creative MediaSource.

You can use Music Library to:

- Find tracks, playlists, albums, artists or genres
- Add audio selections to the Selected Music list
- View track information
- Delete tracks, playlists, albums, artists or genres

When audio tracks are transferred to your player, they are organized into the following Music Library categories:

- Album
- Artist
- Genre
- All Tracks

All transferred tracks can be found in the "All Tracks" category, but depending on your Creative MediaSource settings, tracks can also be found in other categories. For example, take a fictitious track called "Toffee Apple Smile", performed by "The Nano Singers", from the soundtrack to the movie "The Big Sneeze". Besides "All Tracks", the "Toffee Apple Smile" song would also be found in the "Soundtrack" genre, the "Songs from The Big Sneeze" album, and the "The Nano Singers" artist category.

Finding a Music Track in Music Library

In the following example, you will be shown how to find a track by navigating through Music Library.

1. Press the **Menu** button

.
2. Select **Music Library**.
3. Select an audio category. For example, if you want to find a track in a particular album, select **Albums**.
   Note: If selecting **All Tracks**, go to Step 5.

4. Select the sub-category. For example, under Albums, select an album title. A list appears.
5. Select **View Tracks**. The tracks within the sub-category appear.

Popular Classics 1
Find
Beethoven - Romance in F
Chopin - Waltz in C # minor
Chopin - Nocturne in B Flat M
Faure - Song Without Words
Handel - Passaccaglia

6. Select **Find**. A list appears.
7. Select a letter on the list to search for your track.

Adding Music Tracks to the Selected Music list

Audio selections from Music Library can either be added sequentially after selections already in the Selected Music list ("Add to Selected") or replace the Selected Music list ("Play").

To add an entire audio category to the Selected Music list

1. Press the **Menu** button

.
2. Select **Music Library**.
3. Select an audio category. For example, if you want to add an entire album, select **Albums**.

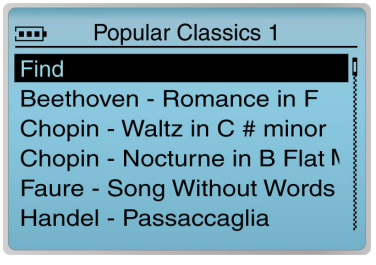
4. Select the sub-category. For example, under Albums, select an album. A list appears.
5. Select **Add to Selected** to add the entire audio category to the end of the Selected Music list.

To add a track to the Selected Music list

1. Press the **Menu** button

.
2. Select **Music Library**.
3. Select an audio category. For example, if you want to add a track in a particular album, select **Albums**.

4. Select the sub-category. For example, under Albums, select an album. A list appears.
5. Select **View Tracks**. The tracks within the sub-category appear.


Popular Classics 1
Find
Beethoven - Romance in F
Chopin - Waltz in C # minor
Chopin - Nocturne in B Flat M
Faure - Song Without Words
Handel - Passaccaglia

6. Select the track that you want to add to the Selected Music list. A list appears.
7. Select **Add to Selected** to add the audio selection to the end of the Selected Music list.

To replace the Selected Music list with an entire audio category

1. Press the **Menu** button

.
2. Select **Music Library**.
3. Select an audio category. For example, if you want to replace the Selected Music list with an entire album, select **Albums**.

4. Select the sub-category. For example, under Albums, select an album. A list appears.
5. Select **Play**, or press the **Play/Pause** button

to replace the Selected Music list and to immediately play it back.

Viewing Track Information in Music Library

Detailed information about tracks in Music Library is readily available. This includes the track's title, artist, album, genre, as well as the track's length.

To view information about tracks in Music Library

1. Press the **Menu** button

.
2. Select **Music Library**.
3. Select an audio category. For example, if you want to find a track in a particular album, select **Albums**.
4. Select **View Tracks**.
5. Select the track you want information on. A list appears.
6. Select **View Details**. A message box appears, listing track information.

Even if your player's menu language is not in English, the track information may appear in English.

You can also view track information from the Selected Music list. See "Viewing track information in the Selected Music list" on page 3-16.

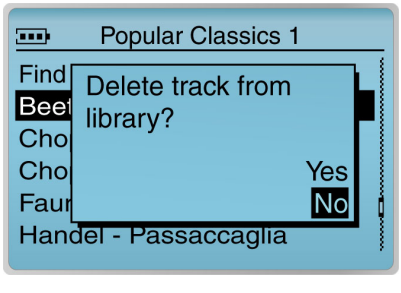
Deleting Music Tracks from Music Library

This action permanently deletes a track or an entire audio category from your player.

To delete a track

1. Press the **Menu** button

.
2. Select **Music Library**.
3. Select an audio category. For example, if you want to find a track in a particular album, select **Albums**.
4. Select **View Tracks**.
5. Select the track you want to delete. A list appears.
6. Select **Delete Track**. A confirmation box appears, asking you if you want to delete the selected track.



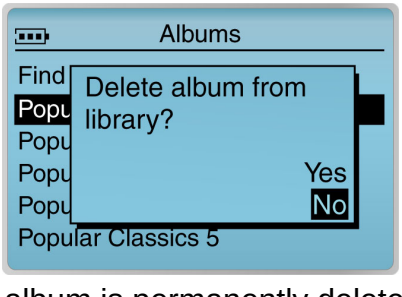
7. Select **Yes**.
   The track is permanently deleted from your player.

To delete an entire audio category

1. Press the **Menu** button

.
2. Select **Music Library**.
3. Select an audio category. For example, select **Albums**.

4. Select the sub-category. For example, under Albums, select the album title you want to delete. A list appears.
5. Depending on what you are deleting, select **Delete Album**, **Delete Artist**, **Delete Genre** or **Delete Playlist**. A confirmation box appears, asking you if you want to delete the selected album, artist, genre or playlist.



6. Select **Yes**. The album is permanently deleted from your player.

Using the Selected Music list

You can do more than play audio selections in the Selected Music list. You can:

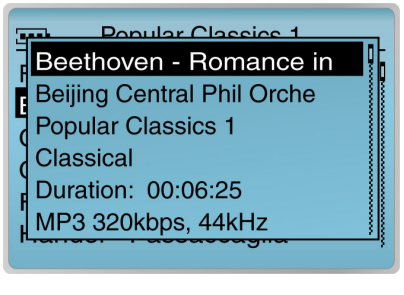
- View information about tracks in the Selected Music list
- Remove tracks
- Save the Selected Music list as a playlist

Viewing track information in the Selected Music list

Information about tracks in the Selected Music list can be easily accessed and viewed. The information provided is identical to that described in "To view information about tracks in Music Library" on page 3-13.

1. Press the **Menu** button

.
2. Select **Now Playing** to access the **Now Playing** screen.
3. Press the **OK** button. The **Selected Music** screen appears.
4. Select the track that you want to view information about. A list appears.
5. Select **View Details**. A message box appears, listing the track information.



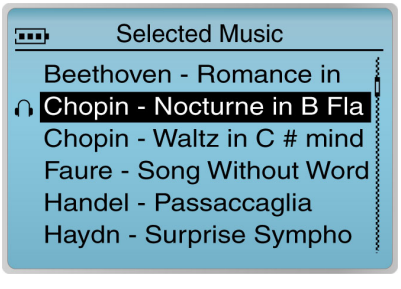
Removing music tracks from the Selected Music list

Tracks selected for playback are copied to the Selected Music list. If a track is deleted from the Selected Music List, it continues to be present in Music Library. To delete audio completely, tracks, albums, artists or genres must be deleted from Music Library as shown in "Deleting Music Tracks from Music Library" on page 3-14.

When you remove tracks from the Selected Music list, you are not permanently deleting the selections from your player.

1. Press the **Menu** button

.
2. Select **Now Playing** to access the **Now Playing** screen.
3. Press the **OK** button.The **Selected Music** screen appears.


Selected Music
Beethoven - Romance in
Chopin - Nocturne in B Fla
Chopin - Waltz in C # mind
Faure - Song Without Word
Handel - Passaccaglia
Haydn - Surprise Sympho

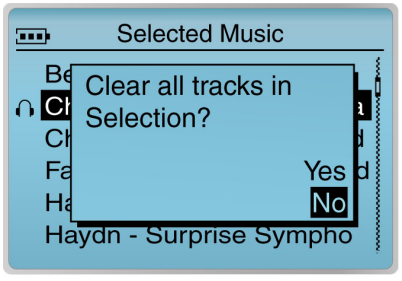
4. Select the track to remove from the Selected Music list. A list appears.
5. Depending on what you want to delete, follow the corresponding step:

To remove a track from the Selected Music list

Select **Remove Track**. The track is removed from the Selected Music list.

To remove all tracks from the Selected Music list

1. Select **Clear Selection**. A confirmation box appears, asking you if you want to remove all tracks in the Selected Music list.



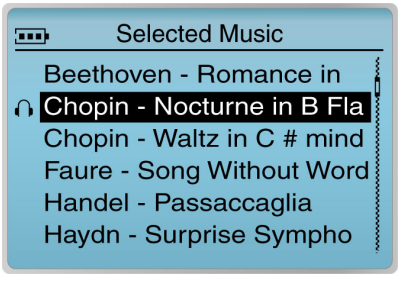
2. Select **Yes**.
   All audio selections are removed from the Selected Music list.

Saving the Selected Music list as a playlist

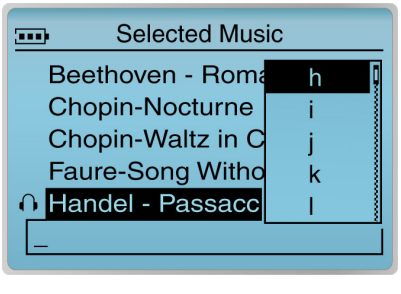
If you like the contents and arrangement of your current Selected Music list, you can choose to save it as a playlist for retrieval and playback later.

1. Press the **Menu** button

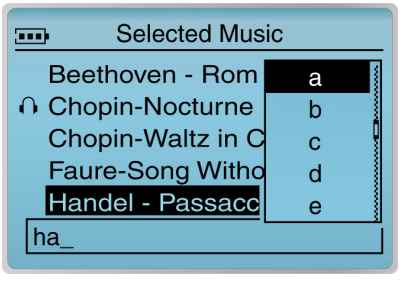
.
2. Select **Now Playing** to access the **Now Playing** screen.
3. Press the **OK** button. The **Selected Music** screen appears.


Selected Music
Beethoven - Romance in
Chopin - Nocturne in B Fla
Chopin - Waltz in C # mind
Faure - Song Without Word
Handel - Passaccaglia
Haydn - Surprise Sympho

4. Press the **OK** button. A list appears.
5. Select **Save as Playlist**. A list appears.



6. Select the letters on the list to form a name for your playlist. This name appears in the box at the bottom of the screen.



Note: When entering letters into the box, you can switch from upper to lower case (or vice-versa) by simply selecting the letter and holding down the **OK** button. You can also use different character sets, such as accented characters or numerals, by selecting the **Charset** option on the list.

7. Select the **OK** option to save the playlist with the name you have entered.

Setting User Preferences

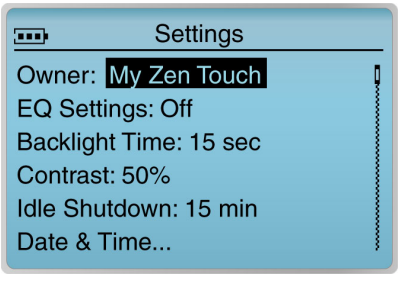
Your player offers many configuration options. You can

- construct an owner's name for your player
- enhance your music by selecting or defining your own EQ setting
- set the LCD screen's backlight duration
- set the contrast level for your player's screen
- specify how long your player remains inactive before it automatically shuts down
- set the date and time in your player
- enable or disable the clicking sound when using the touch pad control
- tap the touch pad control for selecting options
- adjust the sensitivity of your touch pad control
- control the language in which your player's menus are displayed
- reset your player's settings to the default settings
- access the information screen
- reset your player
- lock and unlock your player's buttons

Personalize your player

To get to the **Settings** screen:

1. Press the **Menu** button.
2. Select **Settings**.



Owner

This option constructs an owner's name for your player.

1. From the **Settings** menu, select **Owner**. A list appears.
2. Select the letters and numbers to form a name. Each letter and number selected is entered into the entry area.
3. When you have completed constructing a name, select **Ok**.

EQ Settings

This option lets you enhance your music by selecting or defining your own EQ setting.

Selecting an EQ setting

1. Press the **Menu** button

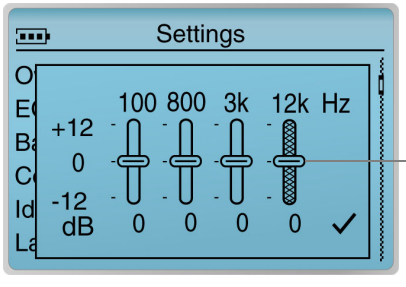
.
2. Select **Settings**.
3. Select **EQ Settings**.
4. Select the EQ setting that you want.

Defining your own EQ setting

1. Press the **Menu** button

.
2. Select **Settings**.
3. Select **EQ Settings**.
4. To define your own EQ setting, select **EQ Settings**. A list appears.

5. Select **Custom EQ**.
   Four vertical control levers will appear in the display. Each lever represents successively higher frequencies that can be controlled. 100 Hz controls bass frequencies, 800 Hz and 3 KHz adjust the mid-range and low-treble frequencies. 12 KHz controls the highest treble frequencies.



6. Select a vertical control level.
7. Use the touch pad control to move the control knob up or down to vary the amount of boost or reduction in the selected frequency range, and then click the **OK** button.
8. Repeat steps 6 and 7 for the remaining control levers.
9. Select the check mark to return to the **Settings** screen.

Backlight Time

This option sets the LCD screen's backlight duration.

1. From the **Settings** menu, select **Backlight Time**. A list appears.
2. Select the duration that you want.

Contrast

This option sets the contrast level for your player's screen. The lower the number, the lower the contrast.

1. From the **Settings** menu, select **Contrast**. A list appears.
2. Select the contrast setting that you want.

Idle Shutdown

This option specifies how long your player remains inactive before it automatically shuts down. A lower number setting conserves battery power for longer playback time.

1. From the **Settings** menu, select **Idle Shutdown**. A list appears.
2. Select the duration that you want.

Date and Time

This option sets the date and time in your player.

1. From the **Settings** menu, select **Date/Time**.
2. Select the **Date** or **Time**.
3. Select the values that you want.

TouchPad

This option allows you to adjust your touch pad control's settings.

To enable or disable the clicking sound when using the touch pad control

1. From the **Settings** menu, select **TouchPad**.
2. Select **Clicker**.
3. Select the option that you want.

To tap the touch pad control to select options, instead of pressing the OK button

1. From the **Settings** menu, select **TouchPad**.
2. Select **Tap to Select**.
3. Select the option that you want.

To adjust the sensitivity of your touch pad control

1. From the **Settings** menu, select **TouchPad**.
2. Select **Sensitivity**.
3. Select the option that you want.

Language

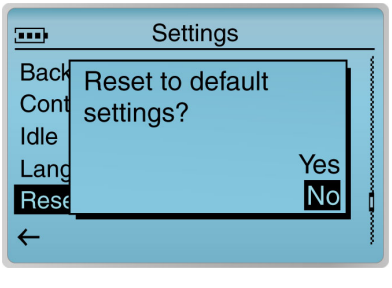
This option controls the language in which your player's menus are displayed.

1. From the **Settings** menu, select **Language**.
2. From the menu, select a language.

Reset Settings

This option resets your player's settings to the default settings.

1. From the **Settings** menu, select **Reset Settings**. A confirmation window appears.



2. Select **Yes**.

Accessing the Information Screen

Your player's **Information** screen shows you your player's:

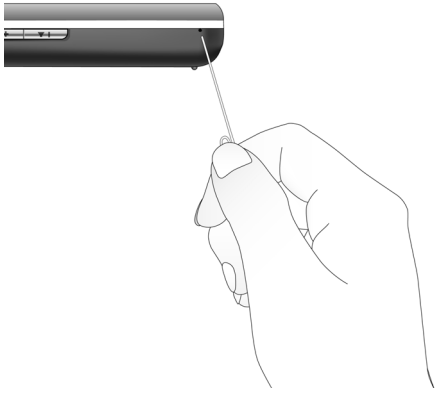
- Version — your player's firmware version so that you know if you can upgrade the firmware
- Total Space — the total amount of space in your player for storing music or data
- Free Space — the available space in your player for storing music or data
- Track Count — the number of tracks stored in your player
- Album Count — the number of albums stored in your player
- Playlist Count — the number of playlists stored in your player

To see this screen, from the **Menu** screen, select **Information**.

Resetting your Player

If your player stops responding, reset the player. This should not cause you to lose any data or audio tracks, unless you were in the middle of transferring an audio track. You can check for the audio track in your music library later. See "Managing your Music" on page 3-8.

To reset the player: Push the end of a thin object (for example, a straightened paperclip) into the **Reset** hole.

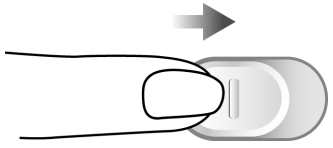


Locking and unlocking your Player

Locking your player will disable all buttons on the player. This feature is useful when you do not want any buttons (for example, **Play/Pause**) pressed accidentally.

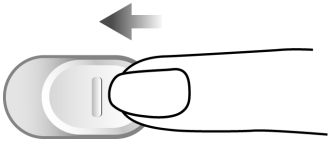
To lock your player

Slide the **Lock** switch to the right. The player is locked.



To unlock your player

Slide the **Lock** switch to the left. The player is unlocked.



4 Software Applications

Software Applications

About Creative MediaSource and NOMAD Explorer

The CD Burner feature is available only for selected Creative MP3 players.

If Creative MediaSource is unable to detect your CD-R or CD-RW drive, download and install the Creative CD Burner Drive update from www.creative.com/support/.

Creative MediaSource, Creative NOMAD Explorer, and other useful software, are included on your installation CD (see "Setting Up Your Player" on page 2-4).

Creative MediaSource is the best way to organize and transfer audio to and from your player. You can also use Creative MediaSource to burn audio CDs. Creative NOMAD Explorer helps you manage your player's data files.

For usage details, refer to the Creative MediaSource or NOMAD Explorer Help.

A Technical Specifications

Technical Specifications

Size	❑ 2.70" (W) x 4.12" (H) x 0.87" (D) or 68.60 mm x 104.60 mm x 22.00 mm
Weight (includes the rechargeable battery)	❑ 7.16 oz (203 g)
Memory	❑ 16 MB
Capacity	❑ 20 GB hard drive
Battery Type	❑ Lithium-ion battery (rechargeable)
Battery Life (playback time)*	❑ Up to 24 hours of continuous playback (MP3 at 128 kbps) from a fully charged Lithium-ion battery. The following may reduce the playback time: • playback of MP3 tracks encoded at bitrates higher than 128 kbps • skipping, fast forward or reverse during playback • prolonged use at high volumes • long backlight timeout setting (more than 5 secs) • playback of WMA files

* *Battery life estimated for continuous playback of tracks encoded at 128 kbps.*

Operating Conditions	❑ Temperature: 5°C to 40°C ❑ Humidity: 10% to 85%
Storage Conditions	❑ Temperature: 0°C to 60°C ❑ Humidity: 10% to 90%
Interface	❑ USB 2.0/USB 1.1
Signal to Noise Ratio	❑ Up to 97 dB (Headphones)
Playback Formats**	❑ MP3 (at 8, 16, 22.05, 24, 32, 44.1 and 48 kHz) ❑ WMA (at 32, 44.1, 48 kHz) ❑ Wave (at 16, 22.05, 24, 32, 44.1 and 48 kHz)
Channel Separation	❑ Up to 74 dB (Headphones)
THD	❑ <0.1%
Frequency Response	❑ 20 Hz~20000 Hz
Operating System/ Firmware	❑ Upgradeable via Internet

** *Firmware upgrades are available from* ***www.creative.com***

Headphone Out	❑ 1/8" (3.50 mm) stereo minijack, 20 mW per channel, 32 ohms impedance at 1 kHz
LCD Display	❑ Large 160 x 104 pixel EL backlit display, in Blue
Data Connector	❑ USB 2.0/USB 1.1
EQ	❑ Parametric equalization

B Onscreen Diagram and Icon Guide

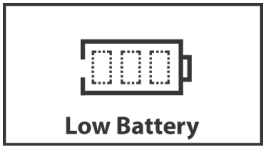
Onscreen Diagram and Icon Guide

Information Diagrams

The following icons appear on the screen when the associated playback action is used.

Diagram	Action/Meaning
	❍ Your computer is actively managing your player. **Warning:** Do not disconnect your player while your computer is still actively managing it.
	❍ Your computer is **NOT** actively managing your player. To use your player, disconnect it from your computer.
Upgrading Firmware	❍ You are upgrading your player's firmware.
Please reset player	❍ The firmware upgrade is complete. Reset your player to enable the new firmware to take effect.

If an error occurs, you may see any one of the following diagrams, indicating the general nature of the problem.

Diagram	Likely Causes	Suggested Action
	❍ unexpected power loss while saving settings	❍ download a newer firmware version ❍ reload firmware ❍ contact Customer Support Services
	❍ physical defects ❍ numerous high-impact shocks	❍ contact Customer Support Services
	❍ battery is too depleted, player cannot start up	❍ recharge the battery
Hardware Problem	❍ firmware corruption	❍ see actions for firmware problems
	❍ unexpected power loss during audio file transfer	❍ allow firmware to complete the rebuilding of the library

Playback Icons

The following icons are commonly found in the **Selected Music** screen.

Icon	Action/Meaning
	❍ Play
	❍ Pause
	❍ Forward
	❍ Reverse
	❍ Skip forward
	❍ Skip back

Play Mode Icons

Icon	Action/Meaning
	❍ Repeat Track
	❍ Repeat All
	❍ Shuffle Repeat
	❍ Shuffle Once
	❍ Play Track Once

C Frequently Asked Questions

Frequently Asked Questions

This section covers questions you might have while using your player. It has been divided into a few categories for your easy reference. For further assistance, you may wish to consult our self-help tool “Knowledge Base”. Go to www.creative.com and select your region.

AutoPlay

What do I do when the installation does not start automatically after the Installation CD is inserted?

The AutoPlay feature in your Windows system may not be enabled.

To start the installation program through the My Computer shortcut menu

1. On your Windows desktop, double-click the **My Computer** icon.
2. Right-click the CD-ROM drive icon, and then click **AutoPlay**.
3. Follow the onscreen instructions.

To enable AutoPlay through Auto Insert Notification

1. Click **Start** -> **Settings** -> **Control Panel**.
2. Double-click the **System** icon. The **System Properties** dialog box appears.
3. Click the **Device Manager** tab and select your CD-ROM drive.
4. Click the **Properties** button.
5. Click the **Settings** tab, and then select **Auto Insert Notification**.
6. Click the **OK** button.

Features

If the Selected Music list already has a few albums in it, can I repeat playback of just one album?

Unfortunately, no. You can only choose to repeat one track, or all tracks.

Why does my player show me track titles starting with "B" when I'm looking for a track title starting with "A"?

When you look for a track using the FIND feature, your player looks for the closest match. If you do not have any tracks starting with "A", the closest match can be "B".

General

Where can I get official information on my player?

Visit **www.NOMADWorld.com** for updates and downloads relating to your player, Creative's MP3 players and accessories.

My player seems to have frozen. Is there anything I can do?

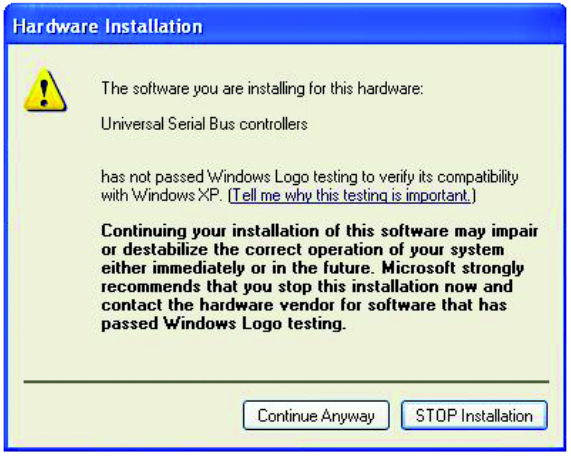
You can reset your player. Push the end of a thin object (for example, a straightened paperclip) into the **Reset** hole.

How can I get accessories for my player?

Visit **www.NOMADWorld.com** for the latest news on accessories.

Windows XP tells me that the software for the player is not certified. What do I do?

At the time of this product's release, Microsoft strongly encouraged companies to submit their hardware solutions for certification. If a hardware device driver is not submitted, or does not qualify, for Microsoft certification, a warning message similar to the one below appears.


Hardware Installation
The software you are installing for this hardware:
Universal Serial Bus controllers
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

You may see this message when installing this driver or update. If you do, you may choose to click the **Continue Anyway** button. Creative has tested this driver or update on Windows XP, and it does not impair or destabilize your computer.

Maintenance

Selecting Format All from the Rescue mode screen clears your player's memory and erases all hard disk content. Save a copy of your player's content before formatting your player.

Selecting Reload Firmware from the rescue mode screen erases your player's firmware. DO NOT Select the Reload Firmware option unless you have downloaded a newer firmware version for your player, or have been advised to do so by the Creative Customer Services center.

Do I need to defragment the player's hard disk?

Music Library and tracks in your player may occasionally operate at less than optimal performance for a number of reasons, for example, if Music Library is rebuilt frequently or regularly even when no change has been made to it. Running the CleanUp application from your player's Recovery mode menu will clean, rebuild, and reorganize Music Library and restore it to optimal efficiency. Save a copy of your player's content before cleaning up your player.

To clean up your player's hard disk drive:

1. To go to Recovery mode, press and hold the **Play/Pause** button ▶/II

   while pushing the end of a thin object (for example, a straightened paperclip) into the **Reset** hole. Keep on holding down the **Play/Pause** button until the **Rescue Mode** screen appears. Four options are displayed: **CleanUp**, **Format All**, **Reload Firmware** and **Reboot**.
2. To clean up your player's hard disk drive, select **Cleanup**.
3. When the clean up is complete, select **Reboot**. Your player restarts and starts rebuilding Music Library.

Usage

Can I jog with my player?

You should not subject your player to continuous shocks, such as those that are likely to occur while you jog or run. You can take a nice long walk with your player, though.

Should I leave my player plugged into the power adapter?

No, you should not. After charging the battery or using the player, disconnect it from the power adapter. Leaving it plugged in leads to heat buildup, which is not good for the player or the battery.

Can I use the player for portable data storage?

Yes, you can. However, your player is designed for storing and playing audio, not as an extra hard drive. You can use the supplied USB cable for speedy transfers to and from your player. Your player will not be recognized as a drive. Use the NOMAD Explorer application to help you manage data files.

If I damage or lose my power adapter, can I buy a similar, off-the-shelf adapter?

No. The adapter may not be compatible with your player, and may even damage it. You should get a replacement adapter from Creative at www.NOMADworld.com, or your local Creative office/distributor.

Can I transfer DRM protected WMA files to my player?

Yes. To transfer DRM protected WMA files to your player, you can use either Windows Media Player or Creative MediaSource. If you are using Nomad Explorer, **DO NOT** attempt to transfer DRM protected WMA files using the "drag & drop" or "cut & paste" method. This does not transfer the licenses that allow you to play the track.

I have to recharge the battery quite often. Is there anything I can do to make it last longer?

Generally, any operation requiring the player to access the hard disk uses battery power. Consequently, filling your player to capacity is not recommended. However, some operations consume more battery power:

- a long backlight timeout setting. A shorter timeout conserves battery power.
- a high contrast setting. Position the player so that you can read the display without using a high contrast setting.
- too much use of fast forward/reverse.
- turning the player on/off too many times.
- prolonged use at high volumes.

For battery charging and handling instructions, see "Charging the Battery" on page 2-1.

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